

IFW
+

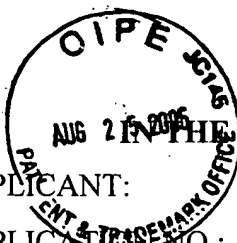
TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/777,912
		Filing Date	February 11, 2004
		First Named Inventor	Milo S. Medin
		Group Art Unit Number	2143
		Examiner Name	George C. Neurauter
Total Number of Pages in This Submission	15*	Attorney Docket Number	19675-08643

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
<input type="checkbox"/> Assignment & Recordation Cover Sheet	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Power of Attorney	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Cited References	<input type="checkbox"/>
<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/>

REMARKS: * No. of pages in this Submission does not include pages of prior art

SIGNATURE OF ATTORNEY OR AGENT		
Signature:	<i>Dorian Cartwright</i>	
Attorney/Reg. No.:	Dorian Cartwright, Reg. No. 53,853	Dated: 8/22/05

CERTIFICATE OF MAILING		
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.		
Signature:	<i>Dorian Cartwright</i>	
Typed or Printed Name:	Dorian Cartwright	Dated: 8/22/05
Express Mail Mailing Number (optional):		



UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Milo S. Medin

APPLICATION NO.: 10/777,912

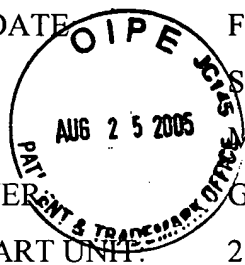
FILING DATE: February 11, 2004

TITLE: System and Method for Delivering High-Performance Online
Multimedia Services

EXAMINER: George C. Neurauter

GROUP ART UNIT: 2143

ATTY. DKT. NO.: 19675-08643



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: 8/22/05

By: *Dorian Cartwright*
Dorian Cartwright, Reg. No.: 53,853

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

Please note that these references are related to a litigation involving U.S. Patent No. 6,370,571, from which the present patent application claims priority. References with unknown dates have been labeled with the date July 31, 2003 corresponding to the date of disclosure in the litigation.

This Information Disclosure Statement is being filed:

☒ after three months of the filing date of this national application or the date of

entry of the national stage in an international application, or after the mailing

PATENT

date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:

- ☒ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c);
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
MILO S. MEDIN

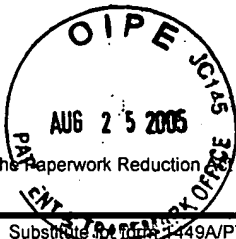
Dated: _____

8/22/05

By: _____

Dorian Cartwright

Dorian Cartwright, Reg. No. 53,853
Fenwick & West LLP
801 California Street
Mountain View, CA 94041
Tel.: (650) 875-7247
Fax.: (650) 938-5200



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	10/777,912
Filing Date	February 11, 2004
First Named Inventor	Milo S. Medin
Art Unit	2143
Examiner Name	George C. Neurauter
Attorney Docket Number	19675-08643

Sheet 1 of 12

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-3,789,137	01-29-1974	Newell
	A2	US-4,173,014	10-30-1979	Leighou et al.
	A3	US-4,429,332	01-31-1984	Pargée, Jr.
	A4	US-4,538,176	08-27-1985	Nakajima et al.
	A5	US-4,814,883	03-21-1989	Perine et al.
	A6	US-5,093,718	03-03-1992	Hoarty et al.
	A7	US-5,512,935	04-20-1996	Majet et al.
	A8	US-5,519,698	05-21-1996	Lyles et al.
	A9	US-5,539,449	07-23-1996	Blahut et al.
	A10	US-5,550,577	08-27-1996	Verbiest et al.
	A11	US-5,682,195	10-28-1997	Hendricks, et al.
	A12	US-5,761,606	06-02-1998	Wolzien
	A13	US-5,787,470	07-28-1998	DeSimone et al.
	A14	US-5,787,483	07-28-1998	Jam et al.
	A15	US-5,790,806	08-05-1998	Koperda
	A16	US-5,835,087	10-10-1998	Herz et al.
	A17	US-5,850,218	12-15-1998	LaJoie et al.
	A18	US-5,991,306	11-23-1999	Burns et al.
	A19	US-6,138,141	10-24-2000	DeSimone et al.
	A20	US-6,201,536 B1	03-13-2001	Hendricks et al.
	A21	US-6,493,876 B1	12-10-2002	DeFreese et al.
	A22	US-6,553,178 B2	04-22,2003	Abecassis

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	2	of	12	Attorney Docket Number	19675-08643

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C1	@Home Frequently Asked Questions, became aware of reference on 7/13/03	
	C2	"@Home And Netscape Announce Strategic Relationship To Define Cable-Based Internet Services To The Home," Netscape Press Release 1995, pp. 1-3.	
	C3	"Automotive Industry Will Seek Internet Service Provider Certification," The Cook Report On Internet, Vol. IV, No. 11, February 1996, pp. 1-24.	
	C4	"Cable Modems and the Future of Broadband," High-Speed Networking Newsletter, Section: No. 10, Vol. 4, January 1, 1996, pp. 1-2.	
	C5	"Macromedia And @Home Demonstrate High Bandwidth Multimedia On The Web; Companies Announce Cooperation On Tools And Technology," PR Newswire, November 29, 1995, pp. 1-3.	
	C6	"Multicasting in an ATM Network," ntrg.cs.tcd.ie/undergrad/4ba2/multicast/leon/retrived from Internet 8/22/05	
	C7	"Router and Switch Request For Proposal," @Home Engineering (DVE &DSM), 12/20/95	
	C8	"Skyconnect to Market Digital's Mediaplex ad Insertion Systems With Comprehensive ad Fulfillment Service," PR Newswire, December 19, 1995, pp. 1-2.	
	C9	"The Future of the Internet," The Cook Report On Internet, January 11-12, 1996, pp. 1-4.	
	C10	Abrams, M. et al., "Caching Proxies: Limitations And Potentials," 4th	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	3	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		International World Wide Web Conference, Boston, USA, 10/7/95, pp. 119-133,	
	C11	Allen, J. et al. "VCTV: A Video-On-Demand Market Test," AT&T Technical Journal, Jan/Feb. 1993, pp. 7-14.	
	C12	Almeroth, K. C. et al., "On the Performance of a Multicast Delivery Video-On-Demand Service with Discontinuous VCR Actions," 9/7/94	
	C13	Almeroth, K.C. et al., "The Role Of Multicast Communication In The Provision Of Scalable And Interactive Video-On-Demand Service," IEEE Journal on Selected Areas in Communications, 14(6), Aug. 1996, 1110-1122.	
	C14	Amir, E. et al., "An Application Level Video Gateway," ACM Multimedia Conf., San Francisco, CA, Nov. 1995, pp. 255-265.	
	C15	Amir, Y. et al., "Robust And Efficient Replication Using Group Communication," Technical Report CS94-20, The Hebrew University of Jerusalem, Nov. 1994, pp. 1-18.	
	C16	Barber, S., "Data Over Cable And The @Home Network," @Home Network, February 1996, [Retrieved from the Internet], < http://www.academ.com/nanog/feb1996/data.over.cable.html >, pp. 1-4.	
	C17	Berwick, Robert C. et al., "Research Priorities for the World-Wide Web," Report of the NSF Workshop Sponsored by the Information, Robotics, and Intelligent Systems Division, Arlington, VA, October 31, 1994, pp. 1-43.	
	C18	Bestavros, A., "Demand-based Data Dissemination in Distributed Multimedia Systems," In Proceedings of ACM/IASTED/ISMM Conference on Distributed Multimedia Systems and Applications, Stanford, CA, 1995, 4 pages.	
	C19	Blahut, T. et al., "The AT&T Interactive Consumer Video Services Platform," 1 st International Workshop on Community Networking Multiple,	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	4	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		July 13-14, 1994, pp. 1-10.	
	C20	Blank, Christine, "The FSN Challenge: Large-Scale Interactive Television," IEEE Computer Society, May 1995, pp. 9-13.	
	C21	Bourne, J. et al. "Implementing The Information Highway," Telesis, Section: Vol. 28, No. 6, May 1994, pp. 4-25.	
	C22	Bowman, C. Mic et al., "Harvest: A Scalable, Customizable Discovery And Access System," Technical Report CU-CS-732-94, Department of Computer Science, University of Colorado, Boulder, Aug. 4, 1994, pp.1-27.	
	C23	Bowman, C. Mic et al., "Scalable Internet Resource Discovery: Research Problems And Approaches," Communications of the ACM, Vol. 37, No. 2, August 1994, pp. 98-114.	
	C24	Bowman, C. Mic et al., "The Harvest Information Discovery and Access System," Computer Networks and ISDN Systems, 28(1-2), Dec. 1995, pp. 119-125.	
	C25	Carhart, T. W., "Cable Modem Mania is Beginning To Build – Deploying a Broadband Data Service," Communication Engineering and Design, Mar. 1996, pp. 1-6.	
	C26	Casner, S., "Frequently Asked Questions (FAQ) On The Multicast Backbone (MBONE)," May 1993, [Retrieved from the Internet] Retrieved on 8/1/2003, http://www-mice.cs.ucl.ac.uk/multimedia/projects/mice/faq.html pp. 1-11.	
	C27	Chankhunthod, A. et al., "A Hierarchical Internet Object Cache," Proceedings of the USENIX 1996 Annual Technical Conference, San Diego, CA – January 1996, pp. 153-163.	
	C28	Chuang, Shun Yan et al., "On The Use Of Destination Set Grouping To Improve Fairness in Multicast Video Distribution," Tech Report GIT-CC-95-25, 7/18/1995, pp. 1-22.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	5	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C29	Clark, R. et al., "Providing Scalable Web Services Using Multicast Communication," IEEE Workshop on Services in Distributed and Networked Environments – June 1995, pp. 1-27.	
	C30	Dail, J. et al., "Adaptive Digital Access Protocol: A MAC Protocol for Multiservice Broadband Access Networks," IEEE Communications, Vol. 34, No. 3, March 1996, pp. 104-112.	
	C31	Danzig, P. et al., "A Case for Caching File Objects Inside Internetworks," Technical Report CU-CS-642-93 – Department of Computer Science, University of Colorado, Boulder, CO, 1993, pp. 1-15.	
	C32	Danzig, P. et al., "Massively Replicating Services In Wide-Area Internetworks," Technical Report, Computer Science Department, University of Southern California, 1994, pp.1-13.	
	C33	De Zhong, W. et al., "A Copy Network With Shared Buffers For Large-Scale Multicast ATM Switching," IEEE/ACM Transactions on Networking, Vol. 1, No. 2, Apr. 1993, pp. 157-165.	
	C34	DevEdge, Online, Archive Documentation Spring 1996 – December 1997, [Retrieved from the Internet] Retrieved on 8/1/2003; < http://developer.netscape.com/docs/?cp=dev01tdoc >, pp. 1-3.	
	C35	Doar, J.M.S., "Multicast in The Asynchronous Transfer Mode Environment," Ph. D. Thesis. University of Cambridge, January 1993, pp. i-xvi and 1-168.	
	C36	Donnelley, J. "WWW Media Distribution Via Hopwise Reliable Multicast," In Electronic Proceedings of the 3 rd International World Wide Web Conference, Darmstadt, Germany, April 10-13, 1995, pp. 1-13.	
	C37	Duberman, D., "Daily Spectrum: Interactive Media & Online Developer News, January 23, 1996, pp. 1-7.	
	C38	Dubey, S. et al., "A Movie-Scheduling Policy For Video-On-Demand	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	6	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		Systems,” Computer Science Department, University of Central Florida; Computer Technology Institute, Patras, Greece, became aware of reference on 7/13/03	
	C39	Ellis, Caron Schwartz “Cable Modem Speeds Accented At Calif. Show,” Boulder County Business Report, 1996, 3 pages.	
	C40	Federighi, Craig et al., “A Distributed Hierarchical Storage Manager for a Video-On-Demand System,” Computer Science Division – EECS, University of California, Berkeley, 1994, pp. 1-11.	
	C41	Floyd, Sally et al. “A Reliable Multicast Framework for Light-weight Sessions and Application Level Framing,” Proceedings of SIGCOMM '95, Cambridge, MA, 1995, pp. 1-24.	
	C42	Gilder, G., “ISDN vs. Cable Modems,” January 26, 1996, p. 1.	
	C43	Gilder, G., “Telecom: Goliath at Bay,” Forbes, February 1996, pp. 100-117.	
	C44	Gillett, Sharon, “Connecting Homes To The Internet: An Engineering Cost Model Of Cable vs. ISDN,” Laboratory for Computer Science, Massachusetts Institute of Technology, Technical Report 654, 1995, pp. 1-197.	
	C45	Golding, R. A. “A Weak-Consistency Architecture For Distributed Information Services,” Computing Systems, 5(4) (UCSC-CRL-92-31), 1992, pp. 1-16.	
	C46	Golding, R. A. “Modeling Replica Divergence In A Weak-Consistency Protocol For Global-Scale Distributed Data Bases,” Technical Report UCSC-CRL-93-09, UC Santa Cruz, Feb. 1993, pp. 1-15.	
	C47	Golding, R. A., “Weak-Consistency Group Communication And Membership,” Technical Report UCSC-CRL-92-52, Ph.D. thesis, UC Santa Cruz, Dec. 1992, pp. i-viii and 1-154.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	7	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C48	Gove, A., "@Home With Will Hearst," Red Herring Magazine, November 1995, pp. 1-5.	
	C49	Gwertzman, J. "Autonomous Replication in Wide-Area Internetworks," Technical Report TR-17-95, Center for Research on Computing Technology, Harvard University, Cambridge, MA, April 1995, pp. 1-100.	
	C50	Gwertzman, J. and et al, "The Case for Geographical Push-Caching" Proceedings of the Fifth Workshop on Hot Topics in Operating Systems (HotOS-V) HOTOS95, May 1995, pp. 51-55.	
	C51	Gwertzman, J. et al., "World-Wide Web Cache Consistency," In Proceedings of USENIX Symposium on Internetworking Technologies and Systems, 1996, pp. 141-152.	
	C52	Haar, S.V., "Time Warner To Offer High-Speed Net Access," Newsbytes, December 7, 1995, pp. 1-2.	
	C53	Hamilton, M. "Multicast Approaches To World-Wide Web Caching," Technical Report LUT CS-TR 988, Department of Computer Studies, Loughborough University of Technology, United Kingdom, August 1995, pp.1-19.	
	C54	Hanawa, T. et al., "MINC: Multistage Interconnection Network With Cache Control Mechanism," Parallel and Distributed Computing Systems (PDCS)'96, Sept. 1996, pp. 310-317.	
	C55	Hardy, D. et al., "Effective Use Of Internet Information," Harvest User's Manual, Technical Report CU-CS-743-94, Version 1.3, University of Colorado at Boulder, September 7, 1995, pp. i-v and 1-87.	
	C56	Hearst III, W., Netscape Developer Conference, Keynote Address, March 7, 1996, pp. 1-12.	
	C57	Holbrook, H. et al., "Log-Based Receiver-Reliable Multicast For Distributed	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	8	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		Interactive Simulation," Proc. ACM Sigcomm95, pp. 342-356, Boston, MA, Aug. 1995.	
	C58	Jacobson, V., "How to Kill the Internet," SIGCOMM'95 Middleware Workshop, Cambridge, MA, Aug. 28, 1995, pp. 1-13.	
	C59	Jadav, D. et al. "Design Issues In High Performance Media-On Demand Servers," CASE Center Technical Report #9503, CASE Center at Syracuse University, Feb. 1995, pp. 1-18.	
	C60	Jeffery, C. et al., "Proxy-Sharing Proxy Servers," IEEE ETA-COM Conf., Portland, Oregon, May 1996, pp. 1-4.	
	C61	Johnson, T. et al., "Two Approaches For High Concurrency In Multicast-Based Object Replication," Technical Report 94-041, Department of Computer and Information Sciences, University of Florida, 1994, pp. 1-58.	
	C62	Kalva, H. et al., "Techniques For Improving The Capacity Of Video-On Demand Systems," 29 th Hawaii International Conference on System Sciences (HICSS), Vol. 2: Decision Support and Knowledge-Based Systems, Maui, Hawaii, January 3-6, 1996, 8 pages.	
	C63	Kelly, Mary Sydney, "Cable Niche Makes SkyConnect A Contender," Boulder County Business Report, June 1997, 2 pages.	
	C64	Klemets, Anders, "The Design and Implementation of a Media on Demand System for WWW," In Proc. 1 st International Conference on the WorldWide Web, Geneva, Switzerland, 1994, 9 pages.	
	C65	Knight, G. et al., "A Data Telecommunications Gateway Between The Internet And ISDN," Data and Telecom. ISDN Gateway, INET'95, 1995, 10 pages.	
	C66	Korkea-aho, M., "Scalability In Distributed Multimedia Systems," Master's Thesis, Helsinki University of Technology, Laboratory of Information	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	9	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ⁶
		Processing Science, Nov. 5, 1995, pp. 1-95.		
	C67	Lai, Y.C. et al., "A Hierarchical Network Storage Architecture For Video-On-Demand Services," Proceedings of IEEE 21 st Conference on Local Computer Networks, October 1996, 9 pages.		
	C68	Lee, Y.B. et al., "VIOLA: Video on Local-Area-Networks," In Proc. 2 nd ISMM/IASTED Int. Conf. Multimedia Systems and Applications, Stanford University, Stanford, CA, Aug. 1995, pp. 1-16.		
	C69	Lemberg, H., IETF 1995 Archives, Broadband '96 IEEE Workshop, Tucson, AZ, 1/2/96 – 1/5/96, NETSYS.COM, December 21, 1995, pp. 1-8.		
	C70	Little, T.D.C. et al., "Prospects for Interactive Video-on-Demand," Multimedia Communications Laboratory – Department of Electrical, Computer and Systems Engineering – Boston University, Boston, MA 02215 – In IEEE Multimedia, Vol. 1, No. 3, Fall 1994, pp. 14-24.		
	C71	López-Ortiz et al., "A Multicollaborative Push-Caching HTTP Protocol For The WWW," In Proceedings of the Fifth International World Wide Web Conference – Paris, France, May 1996 (also available as Technical Report CS-96-12, Dept. of Computer Science, University of Waterloo), pp. 13.		
	C72	Lou, W. et al., "The Effect Of Multicasting and Multiple Media Object Types On Parallel and Merging Storage Strategies," Georgia Institute of Technology, CC Technical Report, GIT-CC-95-24, 1995, pp. 1-20.		
	C73	Luotonen, A. et al. "World-Wide Web Proxies," Computer Networks and ISDN Systems, Vol. 27, No. 2, April 1994, pp. 147-154.		
	C74	Malpani, R. et al., "Making World Wide Web Caching Servers Cooperate," 4th International WWW Conference, Boston, MA, 1995, pp. 1-12.		
	C75	Maxemchuk, N. et al., "Voice and Data on a CATV Network," IEEE Journal on Selected Areas in Communications, Vol. SAC-3, No. 2, March 1985, pp.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	10	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ⁶
		300-311.		
	C76	McDonnell, Patrick "AT&T Breaks Speed Barrier," Computers & Electronics, Volume 22, Number 9, Sep. 1984, 6 pages.		
	C77	McManus N. et al., "Cable Plunges Into The Internet"; Digital Media, December 18, 1995, pp. 1-7.		
	C78	Medin, Milo, "Transforming The Net With Broadband Cable Data," Smart Valley Talk, Feb. 1996, pp. 1-3.		
	C79	Muntz, D. et al., "Multi-Level Caching in Distributed File Systems or Your Cache Ain't Nuthin' But Trash," in Proceedings of the 1992 Winter USENIX Conference, 1992, pp. 305-313.		
	C80	Muntz, D. et al., "Multi-Level Caching In Distributed File," CITI Technical Report 91-3, University of Michigan, Ann Arbor, Center for IT Integration, August 1991, pp. 1-6.		
	C81	Nellas, V. et al., "Internet Provision Over ATM Infrastructure To Residential Users. A DAVIC Compliant Approach," Network and Optical Communications 96 (NOC'96) Vol. II, June 1996, pp. 199-205.		
	C82	Nussbaumer, J.P. et al., "Networking Requirements For Interactive Video On Demand," IEEE Journal on Selected Areas in Communications, Vol. 13(5), 1995, pp. 1-23.		
	C83	O'Callaghan, Daniel, "A Central Caching Proxy Server For WWW Users At The University Of Melbourne," First Australian World-wide Web Conference, University of Melbourne, Australia, 1995, pp. 1-8.		
	C84	Obraczka, K., "Massively Replicating Services in Wide-Area Internetworks," Ph.D. Dissertation, University of Southern California, Dec. 1994, pp. i-xv and 1-123.		
	C85	Papadimitriou, C. et al., "Information Caching For Delivery Of Personalized		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	11	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		Video Programs On Home Entertainment Channels," Proceedings of the International Conference On Multimedia Computing and Systems, Boston, MA, May 14-19, 1994, pp. 214-223.	
	C86	Parmelee, J. [jparmele@csfbg.csfb.com:] "The Last Mile: Cable Modems vs. ISDN," January 3, 1996, pp. 1-4.	
	C87	Pasquale, J. et al., "The Multimedia Multicast Channel," Proceedings of 3 rd International Workshop on Network and Operating System Support for Digital Audio and Video, San Diego, CA, Nov. 1992, pp. 1-11.	
	C88	Pullen J. et al., "Dual-Mode Multicast For DIS," 12th Workshop on Standards for the Interoperability of Distributed Simulations, paper 12-95-087, March 1995, 7 pages.	
	C89	Rebane, G. J., "A Class Of Hierarchical Store/Forward Interactive Television Systems With An Approach To The Development Of Their Analytical Performance Models," SPIE, Vol. 2615, June 1996, 18 pages.	
	C90	Rhodes, L. "The Race For More Bandwidth," Wired Magazine, Issue 4.01, January 1996, pp. 1-8.	
	C91	Rowe, L. et al., "A Distributed Hierarchical Video-On-Demand System," Computer Science Division EECS, University of California, Berkeley, CA, became aware of reference on 7/13/03, 4 pages.	
	C92	Sala, D. et al., "A Protocol For Efficient Transfer Of Data Over Fiber/Cable Systems," GIT-CC-95/18, June 1995, Presented at IEEE INFOCOM'96, The Conference on Computer Communications, March 1996, pp. 1-14.	
	C93	Sharpe, Randy et al., "Taking ATM Home," Telecommunications International, December 1995, 4 pages.	
	C94	Sharpe, et al., "Taking ATM Home," Telephony, August 21, 1995, pp. 38-42.	
	C95	Sincoskie, W.D., "System Architecture For A Large Scale Video On Demand	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/777,912
				Filing Date	February 11, 2004
				First Named Inventor	Milo S. Medin
				Art Unit	2143
				Examiner Name	George C. Neurauter
Sheet	12	of	12	Attorney Docket Number	19675-08643

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		Service,” Computer Networks and ISDN Systems 22, North-Holland, Nov. 26, 1991, pp. 155-162.	
	C96	Sincoskie, W.D., “Video On Demand: Is It Feasible?” IEEE Global Telecommunications Conference, December 2-5, 1990, pp. 305.3.1-305.3.5	
	C97	Smith, N., “What Can Archives Offer The World Wide Web?” University of Kent at Canterbury, March 22, 1994, Presented at the First International World Wide Web Conference, Geneva (Switzerland), May 1994, pp. 1-12.	
	C98	Viswanathan, S. et al., “Pyramid Broadcasting for Video On Demand Service,” Proc. the SPIE Multimedia Computing and Networking Conference, San Jose, CA, 1995, pp. 1-25.	
	C99	Wessels, “Intelligent Caching for World-Wide Web Objects,” Master’s Thesis, University of Colorado, 1995, pp. 1-85.	
	C100	Woo, H. et al., “A New VOD Service Scheme With Dynamic Multicasting Capabilities,” International Conference on Distributed Multimedia Systems and Application, IASTED/ISMM, Aug. 1994, pp. 37-40.	
	C101	Woo, H. et al., “Multicast Scheduling for VOD Services,” Multimedia Tools and Applications, 2, 157-171, 1996 Kluwer Academic Publishers, Boston. Manufactured in The Netherlands, 1996, pp. 156-171.	
	C102	Worrell, K.J., “Invalidation In Large Scale Network Object Caches,” Master’s Thesis, University of Colorado, Boulder, 1994, pp. i-vii and 1-49.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

19675/08643/DOCS/1547528.1